



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**647.2510****Job Sheet 193730****Part No:** 647.2510**Job Qty:** 20 pcs**Part Name:** Sleeve**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 4/22/19**Job Tracking No:****Due Date:** 5/1/19**Created By:** Marie Lajeunesse**Type:** Stock**Description:**

**Note:** DWG 647.2500 REV.A IPP REV:A NEW ISSUE 12-10-22 JLM VERIFIED BY:DD IPP REV:B 19.02.27 AS PER  
DWG REV.A DD VERF:JFS

**Ship Via:****Bill of Materials****Job Routing**

| Op<br>No | Operation  | Qty       | Start Date | Due<br>Date | Standard     |            | Workcenter/Supplier   |  | Lead<br>Time | Sign-off     |
|----------|------------|-----------|------------|-------------|--------------|------------|-----------------------|--|--------------|--------------|
|          |            |           |            |             | Setup<br>Hrs | Run<br>Hrs | Workcenter / Supplier |  |              |              |
| 100      | Doosan - 1 | 20<br>pcs |            | 5/1/19      | 0.00         | 6.67       | Doosan - 1            |  |              | JBD 14/05/19 |
| 110      | QC 2       | 20<br>pcs |            | 5/1/19      | 0.00         | 0.00       | QC 2 - 1              |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 12             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 14             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 17             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 19             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 2              |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 20             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 22             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 23             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 25             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 32             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 33             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 35             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 39             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 4              |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 40             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 44             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 45             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 48             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 49             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 50             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 51             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 52             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 57             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 62             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 63             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 8              |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 66             |  |              |              |
|          |            |           |            |             |              |            | QC 2 - 64             |  |              |              |

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**Container No:** S181744**Part:** 647.2510**Job No:** 193730**Serial No/Batch:** S181744**Revision:** A**Inspector:****Exp Date:****Instructions:** Various STC's

Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

Date: 06/24/19

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|     |                              |        |        |           |                                             |              |
|-----|------------------------------|--------|--------|-----------|---------------------------------------------|--------------|
|     |                              |        |        | QC 2 - 65 | JBD 19/05/15                                |              |
|     |                              |        |        | QC 2 - 5  |                                             |              |
|     |                              |        |        | QC 2 - 71 |                                             |              |
| 112 | Conventional Lathe - 1 - B4B | 20 pcs | 5/1/19 | 0.00 1.67 | Conventional Lathe - 1 - B4B                | DAS 71       |
|     |                              |        |        |           | Conventional Lathe - 2 - B4B                | 19-5-21 9-89 |
| 115 | QC 2                         | 20 pcs | 5/1/19 | 0.00 0.00 | QC 2 - 1                                    |              |
|     |                              |        |        |           | QC 2 - 12                                   |              |
|     |                              |        |        |           | QC 2 - 14                                   |              |
|     |                              |        |        |           | QC 2 - 17                                   |              |
|     |                              |        |        |           | QC 2 - 19                                   | DAS 71       |
|     |                              |        |        |           | QC 2 - 2                                    | 9-89         |
|     |                              |        |        |           | QC 2 - 20                                   |              |
|     |                              |        |        |           | QC 2 - 22                                   | 19-5-21      |
|     |                              |        |        |           | QC 2 - 23                                   |              |
|     |                              |        |        |           | QC 2 - 25                                   |              |
|     |                              |        |        |           | QC 2 - 32                                   |              |
|     |                              |        |        |           | QC 2 - 33                                   |              |
|     |                              |        |        |           | QC 2 - 35                                   |              |
|     |                              |        |        |           | QC 2 - 39                                   |              |
|     |                              |        |        |           | QC 2 - 4                                    |              |
|     |                              |        |        |           | QC 2 - 40                                   |              |
|     |                              |        |        |           | QC 2 - 44                                   |              |
|     |                              |        |        |           | QC 2 - 45                                   |              |
|     |                              |        |        |           | QC 2 - 48                                   |              |
|     |                              |        |        |           | QC 2 - 49                                   |              |
|     |                              |        |        |           | QC 2 - 50                                   |              |
|     |                              |        |        |           | QC 2 - 51                                   |              |
|     |                              |        |        |           | QC 2 - 52                                   |              |
|     |                              |        |        |           | QC 2 - 57                                   |              |
|     |                              |        |        |           | QC 2 - 62                                   |              |
|     |                              |        |        |           | QC 2 - 63                                   |              |
|     |                              |        |        |           | QC 2 - 8                                    |              |
|     |                              |        |        |           | QC 2 - 66                                   |              |
|     |                              |        |        |           | QC 2 - 64                                   |              |
|     |                              |        |        |           | QC 2 - 65                                   |              |
|     |                              |        |        |           | QC 2 - 5                                    |              |
|     |                              |        |        |           | QC 2 - 71                                   |              |
| 140 | QC 8                         | 20 pcs | 5/1/19 | 0.00 0.00 | QC 8 - 12                                   |              |
|     |                              |        |        |           | QC 8 - 14                                   |              |
|     |                              |        |        |           | QC 8 - 17                                   |              |
|     |                              |        |        |           | QC 8 - 20                                   |              |
|     |                              |        |        |           | QC 8 - 25                                   |              |
|     |                              |        |        |           | QC 8 - 3                                    |              |
|     |                              |        |        |           | QC 8 - 32                                   |              |
|     |                              |        |        |           | QC 8 - 33                                   |              |
|     |                              |        |        |           | QC 8 - 35                                   |              |
|     |                              |        |        |           | QC 8 - 39                                   |              |
|     |                              |        |        |           | QC 8 - 4                                    |              |
|     |                              |        |        |           | QC 8 - 44                                   |              |
|     |                              |        |        |           | QC 8 - 45                                   |              |
|     |                              |        |        |           | QC 8 - 49                                   |              |
|     |                              |        |        |           | QC 8 - 58                                   |              |
|     |                              |        |        |           | QC 8 - 8                                    | L.e 19-06-15 |
|     |                              |        |        |           | QC 8 - 9                                    |              |
|     |                              |        |        |           | QC 8 - 68                                   |              |
|     |                              |        |        |           | QC 8 - 67                                   |              |
|     |                              |        |        |           | QC 8 - 1 (A)                                |              |
|     |                              |        |        |           |                                             |              |
|     |                              |        |        |           | Plex 4/22/19 10:23 AM Dart.lajeunesse.marie |              |



|     |                               |           |           |                        |                                                                                                 |
|-----|-------------------------------|-----------|-----------|------------------------|-------------------------------------------------------------------------------------------------|
|     |                               |           | QC 8 - 47 |                        |                                                                                                 |
|     |                               |           | QC 8 - 40 |                        |                                                                                                 |
|     |                               |           | QC 8 - 52 |                        |                                                                                                 |
|     |                               |           | QC 8 - 23 |                        |                                                                                                 |
| 150 | Outsource - 17 - Passivate    | 20<br>pcs | 5/1/19    | GRO002-VC              |  2019-06-18  |
| 160 | Packaging 2-1 - Receive - B4B | 20<br>pcs | 5/1/19    | 0.00 0.00              |  JUN 24 2019 |
|     |                               |           |           | Packaging 2 - 1 - B4B  |                                                                                                 |
|     |                               |           |           | Packaging 2 - 2 - B4B  |                                                                                                 |
|     |                               |           |           | Packaging 2 - 3 - B4B  |                                                                                                 |
|     |                               |           |           | Packaging 2 - 5 - B4B  |                                                                                                 |
|     |                               |           |           | Packaging 2 - 4 - B4B  |                                                                                                 |
|     |                               |           |           | Packaging 2 - 6 - B4B  |                                                                                                 |
|     |                               |           |           | Packaging 2 - 7 - B4B  |                                                                                                 |
|     |                               |           |           | Packaging 2 - 8 - B4B  |                                                                                                 |
|     |                               |           |           | Packaging 2 - 9 - B4B  |                                                                                                 |
|     |                               |           |           | Packaging 2 - 10 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 11 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 12 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 13 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 14 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 15 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 16 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 17 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 18 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 19 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 20 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 21 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 22 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 23 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 24 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 25 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 26 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 27 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 28 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 29 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 30 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 31 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 32 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 33 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 34 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 35 - B4B |                                                                                                 |
|     |                               |           |           | Packaging 2 - 36 - B4B |                                                                                                 |
| 170 | QC 5                          | 20<br>pcs | 5/1/19    | 0.00 0.00              |                                                                                                 |
|     |                               |           |           | QC 5 - 10              |                                                                                                 |
|     |                               |           |           | QC 5 - 12              |                                                                                                 |
|     |                               |           |           | QC 5 - 17              |                                                                                                 |
|     |                               |           |           | QC 5 - 18              |                                                                                                 |
|     |                               |           |           | QC 5 - 19              |                                                                                                 |
|     |                               |           |           | QC 5 - 22              |                                                                                                 |
|     |                               |           |           | QC 5 - 24              |                                                                                                 |
|     |                               |           |           | QC 5 - 3               |                                                                                                 |
|     |                               |           |           | QC 5 - 43              |                                                                                                 |
|     |                               |           |           | QC 5 - 49              |                                                                                                 |
|     |                               |           |           | QC 5 - 51              |                                                                                                 |
|     |                               |           |           | QC 5 - 58              |                                                                                                 |
|     |                               |           |           | QC 5 - 68              |                                                                                                 |
|     |                               |           |           | QC 5 - 9               |                                                                                                 |
|     |                               |           |           | QC 5 - 50              |                                                                                                 |
|     |                               |           |           | QC 5 - 30              |                                                                                                 |
|     |                               |           |           | QC 5 - 40              |                                                                                                 |
|     |                               |           |           |                        | Plex 4/22/19 10:23 AM Dart.lajeunesse.marie                                                     |

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------|------------------|------------------|------------------------|-----------------|
| 180                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Packaging 3-1 - Stock - B4B | 20<br>pcs            | 5/1/19           | 0.00 0.00        | Packaging 3 - 1 - B4B  |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 2 - B4B  |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 3 - B4B  |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 4 - B4B  |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 5 - B4B  |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 6 - B4B  |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 7 - B4B  |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 8 - B4B  |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 9 - B4B  |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 10 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 11 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 12 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 13 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 14 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 15 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 16 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 17 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 18 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 19 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 20 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 21 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 22 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 23 - B4B | pc CCK111       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 24 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 25 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 26 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 27 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 28 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 29 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 30 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 31 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 32 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 33 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 34 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 35 - B4B |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | Packaging 3 - 36 - B4B |                 |
| 190                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | QC 21 - SA                  | 20<br>pcs            | 5/1/19           | 0.00 0.00        | QC 21 - SA - 21        |                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | QC 21 - SA - 70        | DNS JUL 05 2019 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |                      |                  |                  | QC 21 - SA - 53        | 21 259          |
| <p>Part Op 100 - (Doosan Lathe)</p> <p>Descriptions: 110 - (QC2- Inspect parts off machine FAI/FAIB) QC2- Inspect parts off machine FAI/FAIB</p> <p>112 - (Manufacture as per dwg)</p> <p>115 - (QC2- Inspect parts off machine FAI/FAIB) QC2- Inspect parts off machine FAI/FAIB</p> <p>140 - (QC8- Inspect parts - second check) QC8- Inspect parts - second check</p> <p>150 - Issue P/O: <u>43168</u> Pasivate as per MIL-S-5002 TYPE 6 Certificate of conformaty is required</p> <p>160 - (Receive &amp; Inspect for Damage &amp; Mat'l Certs) Receive &amp; Inspect for Damage &amp; Mat'l Certs</p> <p>170 - (QC5- Inspect part completeness to step on W/O) QC5- Inspect part completeness to step on W/O</p> <p>180 - Identify as per dwg &amp; Stock Location: _____</p> <p>190 - (QC21- Final Inspection - Work Order Release) QC21- Final Inspection - Work Order Release</p> |                             |                      |                  |                  |                        |                 |
| <b>Job BOM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                             |                      |                  |                  |                        |                 |
| <b>Part / Item</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Component Name</b>       | <b>Quantity</b>      | <b>Operation</b> | <b>Container</b> |                        |                 |
| M17-4-H1150-R1.000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 17-4 SS Round Bar 1.000"    | 6.6660 ft (.3333 ea) | 100-Doosan - 1   | 512297           |                        |                 |
| <b>Job Allocations</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                             |                      |                  |                  |                        |                 |
| <b>Operation</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Component Part</b>       | <b>Required</b>      | <b>Inventory</b> | <b>Allocated</b> |                        |                 |
| 100-Doosan - 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | M17-4-H1150-R1.000          | 7                    | 13               | 0                |                        |                 |

**Part Specifications**

Specifications could not be found.

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Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |              |                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------|------------------------|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |              |                        |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Sequence #:                                                                                                                       | QTY Affected :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | MRB (QS1042) |                        |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |              | Completed By           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |              | Lead hand / Supervisor |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |              |                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |              | QC / QA Coordinator    |
| <b>Root Cause</b><br><br><div style="display: flex; flex-direction: column;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Preservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |              |                        |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |              |                        |



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
TEL.: 1 613 632-5200  
Email: sales@dartaero.com  
www.dartaerospace.com

**Container No: S181744**



**Part: 647.2510**

**Job No: 193730**

**Serial No/Batch: S181744**

**Revision: A**

**Inspector:**

**Exp Date:**

**Instructions: Various STC's**

Date: 05/15/19





Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER POHB043768



**Supplier:** GRO002-VC  
Group Altech  
2455 Halpern  
St Laurent  
QC  
H4S 1N9 Canada  
Phone: 514-335-3666  
Fax: 514-335-3868

**Attention:** Grenon, Sylvie

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**PO No:** POHB043768  
**PO Date:** 6/18/19  
**Due Date:** 6/21/19  
**Purchase Order Revision:**  
**Revision Date:**  
**Ship-To Contact:** Guerin, Kimberley  
kguerin@dartaero.com

**Via:** Ground  
**Pymt Terms:** Net 60  
**Freight Terms:**  
**Special Comments:**

**E-MAILED**  
2019-06-19

| Items     |        |          |                                                                                                                                   |        |         |          |                |                   |         |                     |                 |
|-----------|--------|----------|-----------------------------------------------------------------------------------------------------------------------------------|--------|---------|----------|----------------|-------------------|---------|---------------------|-----------------|
| Line Item | Job    | Part     | Description                                                                                                                       | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD)    | Extended Price  |
| 1         | 193730 | 647.2510 | Sleeve<br>: Various STC's<br>Issue<br>P/O: _____<br>Pasivate as per MIL-S-5002 TYPE<br>6 Certificate of conformaty is<br>required | Firmed | -       | 6/21/19  | 20 pcs         | 0 pcs             | 20 pcs  | \$5.00/pcs          | \$100.00        |
|           |        |          |                                                                                                                                   |        |         |          |                |                   |         | <b>Grand Total:</b> | <b>\$100.00</b> |

## Order Notes

Procurement Quality Clauses  
A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)

A022 Apical Processing  
A024 process certifications  
A026 certification of material conformance

A041 quality management system  
A042 dart notification by supplier  
A043 retension of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 6/19/19 3:10 PM Dart.Guerin.Kimberley



# Certificat de Conformité / Certificate of Compliance

(020167-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9  
 Tel: 514-335-3666 Fax: 514-335-3868  
 www.groupaltech.com

## Bon de Livraison / Packing Slip

**020167- 1**

Livré à / Ship to

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 Tel.: 613-632-5200 Fax.:

Client / Customer:

**DART AEROSPACE LTD**  
 1270 ABERDEEN STREET  
 HAWKESBURY, ON, K6A1K7  
 CANADA  
 BUYER:

| Date expédition<br>Ship date                                                                                                                                                     |                                                           | Créé Par<br>Generated By                                                                                              | Transport / No de Compte<br>Courier / Acc. No. | Bon de commande Client<br>Customer Purchase Order No. |                 |                        |               |                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------|-----------------|------------------------|---------------|------------------------|
| 20-Jun-2019                                                                                                                                                                      |                                                           | SVETLANA DORZHIYEVA                                                                                                   |                                                | POHB043768 ✓                                          |                 |                        |               |                        |
| #Ligne<br>Line#                                                                                                                                                                  | No. de Série / # Pièce<br>Part Number / Line Item Details | Description pièce(s)                                                                                                  | CATG.<br>U/M                                   | Comm.<br>/Ordered                                     | Exp/<br>Shipped | Quantités / Quantities |               | À venir/<br>Back Order |
|                                                                                                                                                                                  | Job # / Ref #                                             |                                                                                                                       |                                                |                                                       |                 | Qté NC/<br>NC Qty      | Qté<br>Scrap/ |                        |
| 1                                                                                                                                                                                | 647.2510<br>Rev.                                          | 647.2510<br>01 -PASSIVATION NITRIC #1/ DICHROMATE [PASSIVATION<br>NITRIC #1/ DICHROMATE ]<br>AS PER MIL-S-5002 TYPE 6 | PASSIVATION<br>CH                              | 20                                                    | 20              | 0                      | 0             | 0                      |
| <p style="text-align: center;"><b>RECEIVED</b><br/>           JUN 21 2019<br/> <b>DART AEROSPACE LTD.</b></p> <p style="text-align: right; color: blue;">DAS<br/>61<br/>9-89</p> |                                                           |                                                                                                                       |                                                |                                                       |                 |                        |               |                        |

### Notes Additionnelles / Additional Notes

Epaisseur réelle  
Actual Thickness

Inspecteur Qualité  
Quality Inspector

Réçu par  
Received By

*[Signature]*

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.  
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.  
 Our financial and legal responsibility will not be higher than the amount of invoice.